

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-012306**Date Inspected:** 05-Feb-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Li Yang**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Components**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, S.Chandrakumar was present during the times noted above for observations relative to the work being performed.

TRAIL ASSEMBLY YARD

SMAW welding of repair weld joint 4G-004 located on PCMK SEG033A of 7AW welder is identified as 037932. ZPMC QC is identified as Mr.Feng ya jun . The welding variables recorded by QC appeared to Comply with the WPS-345-4G(4F)-FCM-Repair-1 and B-WR10059.

FCAW welding of repair weld joint 3G-011 located on PCMK SEG033B of 7AW welder is identified as 0220060. ZPMC QC is identified as Mr.Feng ya jun . The welding variables recorded by QC appeared to Comply with the WPS-345-3G(3F)-FCM-Repair-1 and B-WR10059.

SMAW welding of repair weld joint 3G-019 located on PCMK DP639-001 of 7AW PP49 welder is identified as 069683.ZPMC QC is identified as Mr.Feng ya jun . The welding variables recorded by QC appeared to Comply with the WPS-B-P-3213- B-U3b.

Blast Shop 1

Caltrans Quality Assurance (QA) Inspectors performed random visual inspection of OBG segment 7EW internal side panel, bottom panel, floor beam and longitudinal diaphragms surfaces from the panel point 59 to 60 after grit blasting. Areas that marked for repair were recorded for future repair. Areas requiring additional grinding were

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marked by QA and repaired by ZPMC personnel

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No relevant Conversation.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang-15--0042-2372, who represents the Office of Structural Materials for your project.

Inspected By:	Kumar,Chadra	Quality Assurance Inspector
Reviewed By:	McClendon,Timothy	QA Reviewer
